

To: R3 HOTSITES[R3_HOTSITES@epa.gov]
From: Burns, Francis
Sent: Wed 2/26/2014 7:37:14 PM
Subject: HOTSITE REPORT: Update - Freedom Industries, Charleston, WV

Vicky Binetti of Region 3's Water Program reported that a team of EPA scientists (OW Water Security Division and ORD National Homeland Security Research Center) is evaluating the summary of the American Water Company's approach to evaluating the potential for interactions between MCHM and distribution system mains and customer plumbing. We expect to receive a preliminary review this week, discussion with reviewers to clarify and question, and internal briefing as needed. We anticipate sharing the review, when ready, with the water company as well as the WV Bureau for Public Health.

The residential sampling study commissioned by Governor Tomblin has posted information about the overall study plan and an initial sampling effort including 10 homes. The ambitious pilot effort included collecting 900 samples from hot and cold taps and various outlets in each home, and interviews regarding residential water use, compliance with flushing instructions, and experiences with water quality. Other segments of the study include an independent toxicological evaluation of the 1 ppm protective level for MCHM, and an investigation of the odor threshold for MCHM. See <http://www.dhsem.wv.gov/WVTAP/News/Pages/Statement-from-Dr.-Andrew-Whelton-and-Mr.-Jeff-Rosen.aspx>

OSC Dennis Matlock reported that the interceptor trench was being pumped out approximately every 7 hours since completion of the new liner installation. Once the trench is full, pumping takes approximately 4 minutes. Water pumping operations halted at all other locations on the site overnight (locations inside and outside the tank containment area), resulting in more frequent pumping of the trench. The water pumping will resume from the culvert and sumps in the tank containment area when the facility finishes their water management plan.

The facility reported that yesterday they shipped approximately 3,000 gallons of MCHM contaminated wastewater from the Poca Blending Facility to Waste Management DSI in Hurricane, WV. DSI had no issues solidifying the wastewater and the facility is awaiting SPLP test results from the solidified waste.

The facility vacuumed approximately 6-9" of soil and gravel from the vac tank staging area to prevent any further possible cross contamination from previous loading activities. During the excavation, a strong petroleum odor was detected and a MCHM-like sheen was observed on pooled water in the area. The soil and gravel were placed in roll offs for disposal. The area was

then backfilled with clean gravel.

The facility reports that all salable materials are now off-site. The tanks are empty and ready to be cleaned. The facility also currently has plans to excavate the ditch along the outside of the east side containment wall to intercept shallow water prior to entering the tank containment area.